

Abstract

Title: METHOD AND DEVICE OF CONTROLLING ELASTIC THREAD

A known one-cylinder small-diameter circular knitting machine for production of sock goods is modified for closing the toe directly in the machine, where the initial rows of the knitwear beginning by reciprocal knitting of toe pouch are knitted on one half of needles 1, into which needles 1 elastic thread S drawn from a bobbin C is inserted by a thread guide 2. The machine is further provided with a plate brake 3, which plate brake 3 is placed in the path of the elastic thread E in front of the thread guide 2. In front of the plate brake 3 a controlled blocking brake 4 is then positioned in the path of the elastic thread E. In front of the blocking brake 4 a positive feeder 5 is positioned.